KODAK DC215 Zoom Digital Camera

User's Guide

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The FlashPix format is defined in a specification and test suite developed and published by Kodak in collaboration with Microsoft, Hewlett-Packard, and Live Picture. Only products that meet the specification and pass the test suite may use the FlashPix name and logo.

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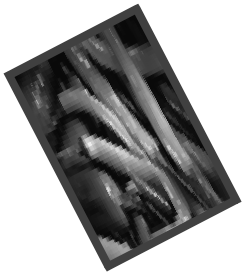


1 Getting Started

Congratulations on your purchase of a new KODAK DC215 Zoom Digital Camera—the camera that takes pictures digitally, without the use of film. With your new camera, picture taking and print making is fun and easy. The possibilities are endless. Here is just a few examples of what you can do with your camera:

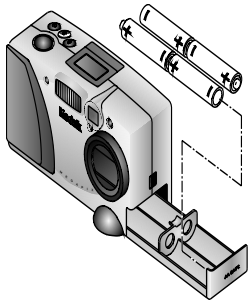
- Take digital pictures in unbelievable detail, color, and sharpness.
- Transfer your pictures to a computer for instant editing, enhancement, and placement into your document.
- E-mail your pictures in minutes to friends, family, and business associates anywhere in the world.
- Print high-quality pictures at home using KODAK Inkjet Photo Paper, or take your KODAK Picture Card to a KODAK Picture Maker System and create photo-quality enlargements with a touch of a button.
- Display your pictures to a large audience on a television or video monitor.

Preparing to Take Pictures

Before you start taking pictures with your camera, you first need to install the batteries or connect a Kodak-specified AC adapter for power, and insert a KODAK Picture Card (camera memory card) into the camera. A Kodak-specified AC adapter is available as an accessory from a dealer of Kodak products or from our Website at
http://www.kodak.com/go/accessories

Loading Batteries

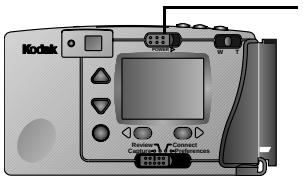
Your camera comes with four AA batteries so you can start taking pictures immediately. For information on guidelines for battery usage, see page 66.



1. Slide the Battery switch located on the side of the camera to the right to unlock the battery tray.
2. Slide the battery tray out of the camera.
3. Insert the batteries as indicated on the battery tray.
4. Slide the battery tray into the camera until it locks in place.

Turning the Camera On and Off

You turn the camera on and off using the Power switch, located on the back of the camera.



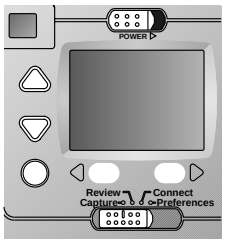
- ❑ To turn on the camera, slide the Power switch to the right.

  The green ready light next to the viewfinder, and the Status Display on top of the camera turn on.
- ❑ To turn off the camera, slide the Power switch again to the right.

Checking Batteries

So you are never caught with dead batteries, your camera indicates the power level of the batteries in the form of a battery status symbol, which appear in the Status Display when you turn on the camera. For information on guidelines for battery usage, see page 66.

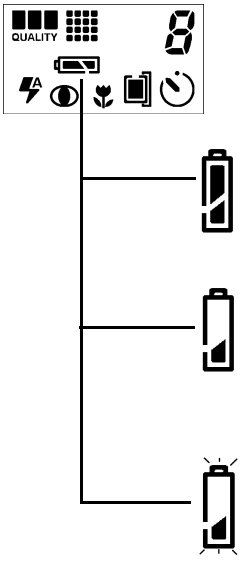
Since digital cameras are very demanding on batteries, keep extra sets of batteries handy, or consider purchasing either a Kodak-specified AC adapter or KODAK Ni-MH / Ni-Cd Battery Charger with KODAK Ni-MH Rechargeable Batteries. Both are available as accessories from a dealer of Kodak products, or from our Website at http: / / www.kodak.com / go / accessories.



1 Set the Slider switch to Capture, Review, or Preferences.

The battery status symbol is not visible if you set the camera to Connect.

2 Turn on the camera.



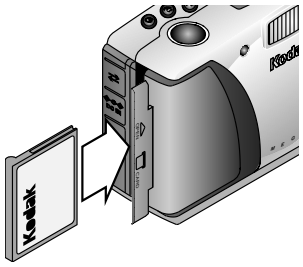
3 Check the battery status symbol that appears in the Status Display.

- **Full**—indicates batteries are charged and ready to use.
- **Low**—indicates batteries are not fully charged and will soon need to be replaced or recharged.
- **Exhausted (blinking)**—indicates batteries are too weak to power the camera and need to be replaced.

  The red ready light next to the viewfinder comes on when the batteries become exhausted.

Inserting a Camera Memory Card

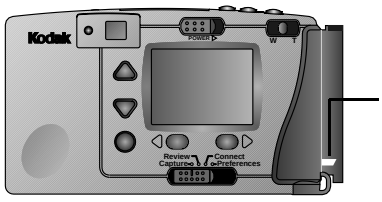
Your camera comes with a KODAK Picture Card (camera memory card), that is used to store pictures taken with the camera. The camera memory card, also referred to as a CompactFlash card, is removable and reusable for easy storage and transfer of your pictures. Before you start to take pictures, insert a camera memory card into the camera. KODAK Picture Cards are available as an accessory through a dealer of Kodak products or from our Website at http://www.kodak.com/go/accessories.



1. Open the camera memory card door on the camera.
2. Hold the camera memory card by the lip so the connection end is pointed at the camera, and the card label with the MB size is facing the front of the camera.

   The camera memory card can only be inserted one way into the camera. Forcing the card may damage your camera.
3. Push the camera memory card all the way into the card slot and close the door.

Removing a Camera Memory Card



1. Open the camera memory card door on the camera.
2. Push the Eject button in the direction of the arrow.

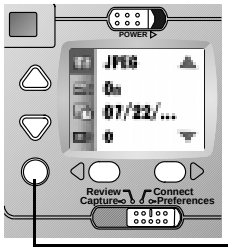
   The camera memory card partially slides out of the slot.
3. Remove the camera memory card from the slot and close the door.

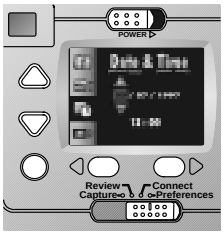
CompactFlash™

WARNING: Do not insert or eject a camera memory card when the green ready light, located next to the viewfinder is blinking. This may damage your pictures or camera. Use only certified camera memory cards that carry the CompactFlash logo.

Setting the Clock on Your Camera

Your camera has a built-in clock that maintains the date and time in a 24-hour format. The camera clock needs to be set if you plan to use the Date Stamp feature, which imprints the date on your picture. For information on using the Date Stamp feature, see page 22.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the icon is highlighted.

3. Press the DO-IT button.

   The Date/Time screen appears. The default date setting is 01/01/1997.

4. Use the ◀/▶ ▲/▼ buttons to adjust the date and time fields.

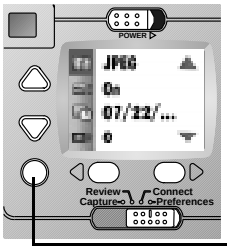
5. Press the DO-IT button.

   The camera accepts the setting and returns to the Preferences screen.

   If you remove the batteries from the camera for an extended period of time, or the batteries become exhausted, you may need to reset the clock.

Adjusting the LCD Brightness

You can adjust the brightness level of the color LCD to suit your particular needs.



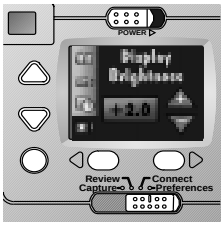
1 With the camera on, set the Slider switch to Preferences.

The Preferences screen appears.

2 Press a ▲/▼ button until the icon is highlighted.

3 Press the DO-IT button.

The LCD Brightness screen appears.



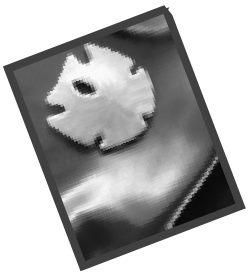
4 Press a ▲/▼ button to change the LCD brightness level.

The brightness the of LCD changes as you adjust the setting.

- ❑ If the LCD is too dark, increase (+) the brightness number.
- ❑ If the LCD is too light, decrease (-) the brightness number.

5 Press the DO-IT button.

The camera accepts the setting and returns to the Preferences screen.



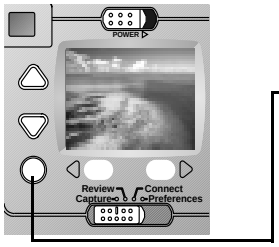
2 Taking Pictures

Your DC215 camera makes taking pictures fun. Just set the camera to Capture and you are on your way to creating great pictures. Everything you need is right at your fingertips. With the DC215 camera you can:

- Preview the picture before it is taken.
- Zoom in up to two times closer on your subject.
- View the picture you just took.
- Vary the flash settings to give you control over the type of flash needed for specific conditions.
- Adjust the camera to take close-up pictures.
- Set the Self-Timer so you can get into the picture.
- Adjust the exposure for pictures that are too light or too dark.
- Lock the exposure for a consistent look in all your pictures.
- Delete unwanted pictures right away.

Previewing a Picture Before it is Taken

If you want to see what a picture looks like before you take it, you can preview the image on the LCD on the back of your camera. The live image that appears is helpful for framing your subject, especially when using the Close-Up and Template features. When you use the Preview feature, batteries are drained faster, so use a Kodak-specified AC adapter when possible.



1. With the camera on, set the Slider switch to Capture.
2. Press the DO-IT button.

   The LCD displays a live image with the icons of activated camera features.

- **Exposure Compensation**—icon appears in the LCD if you adjusted the camera exposure. See page 14 for details.

- **Exposure Lock**—icon appears in the LCD if you locked the exposure. See page 15 for details.

- **Templates**—icon appears in the LCD if you selected a template. See page 21 for details.

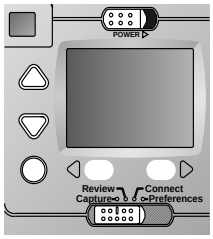
- **Date Stamp**—appears in the LCD if you turned on the date stamp. See page 22 for details.

These icons also appear in the LCD when Quickview is activated. See page 24 for details.

3. To turn off Preview, press the DO-IT button.

Capturing a Picture

Taking pictures is a snap with your DC215 camera. You can take a picture as close as 1.6 ft (0.5 m) in wide angle or 3.3 ft (1.0 m) in telephoto.



1 With the camera on, set the Slider switch to Capture.

2 Center the subject using the guide marks in the viewfinder, or turn on Preview (page 8) and use the LCD to frame your subject.

3 Press the Shutter button.

The green ready light blinks as the picture is stored on the card. The Pictures Remaining icon on the Status Display changes.

If the amber indicator light next to the viewfinder comes on, then the flash is not fully charged. Wait for the flash to charge before taking the picture.

Zooming in on Your Subject

You can zoom from Wide Angle, which gives you more of the surrounding area in pictures, to TelePhoto, which brings the subject up to two times closer.

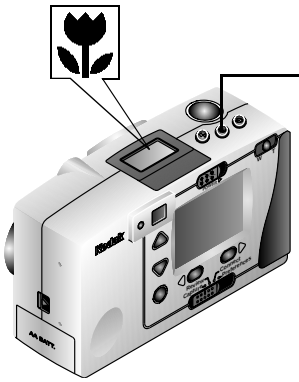
1 With the camera on, set the Slider switch to Capture.

2 Press the Zoom control.

When you look through the viewfinder, the subject appears closer as you press the **T** Zoom button, and farther away as you press the **W** Zoom button.

Photographing Close-Ups

If you want to take pictures of objects up close, such as flowers or artwork, use the Close-Up feature. When selected, the camera automatically sets the focus distance to 8 in. (0.2 m) and sets the flash to ensure detail and clarity. Since the viewfinder on the camera may not accurately frame your picture in Close-Up, the Preview option is automatically activated. For information on Preview, see page 8.



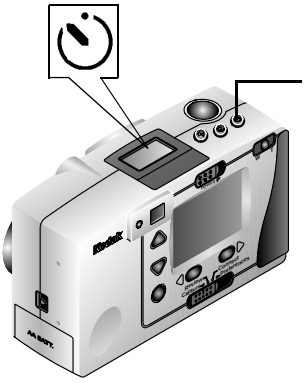
1. With the camera on, set the Slider switch to Capture.
2. Press the Close-Up button.

   The Close-Up icon appears in the Status Display as the LCD Preview feature shows a live image.

   When you use the Close-Up feature, the zoom capabilities on the camera are disabled.
3. Frame your subject using the LCD and press the Shutter button to take the picture.
4. To turn off Close-Up, press the Close-Up button, or turn off the camera.

Putting Yourself in the Picture

There might be times when you want everyone, including yourself, to be in the picture. For these occasions, use the Self-Timer feature to create a 10-second delay between the time you press the Shutter button and the time the picture is taken.



1. With the camera on, set the Slider switch to Capture.
2. Press the Self-Timer button.

   The Self-Timer icon appears in the Status Display.

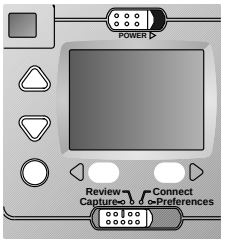
   To cancel the Self-Timer before the picture is taken, press the Self-Timer button again or turn off the camera.
3. Place the camera on a flat, steady surface or tripod.
4. Frame your subject in the viewfinder and press the Shutter button.

   The red Self-Timer light, located on the front of the camera, turns on and stays lit for 8 seconds, then flashes for 2 additional seconds just before the picture is taken.

   The Self-Timer turns off when the picture is taken.

Viewing and Deleting the Picture Just Taken

You can view a picture seconds after it is taken with a touch of a button. This is a convenient way to check if the picture you just took was positioned correctly, and decide if you want to keep it or delete it to save space on the camera memory card.

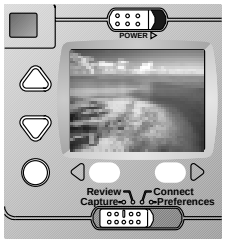


1 With the camera on, set the Slider switch to Capture.

2 Press the Shutter button to take a picture.

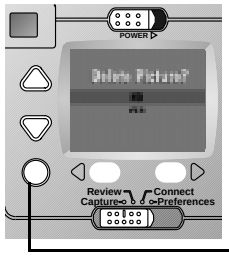
3 Press the ▶ button.

The picture just taken appears in the LCD for several seconds with the delete icon above the ◀ button.



4 To delete the picture on the LCD, press the ◀ button.

The LCD displays the Delete Picture screen.



5 Press a ▲/▼ button until YES is highlighted.

6 Press the DO-IT button.

The picture is permanently deleted from the camera memory card.

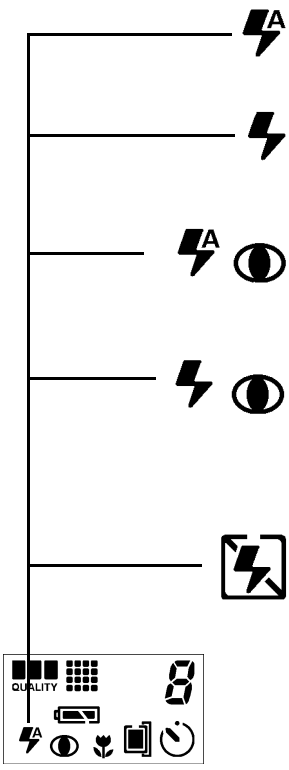
Setting the Flash

When taking pictures at night, indoors, or outdoors in heavy shadows, your pictures need flash. Your camera has five different flash options with a range of 10 ft (3.0 m) to accommodate most picture-taking situations.

1 With the camera on, set the Slider switch to Capture.

2 Press the Flash button to scroll though the flash options.

The Flash setting icon changes in the Status Display.

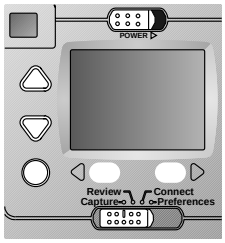


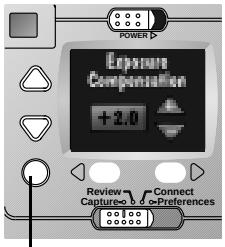
- **Auto**—flash fires automatically when needed. Ideal for everyday picture-taking. This is the main flash setting.
- **Fill**—flash fires every time you take a picture. Ideal for pictures outside when your subject is in heavy shade.
- **Red-Eye**—flash fires once so the eyes become accustomed to the flash, then fires again when the picture is taken. Ideal for pictures of people.
- **Fill Red-Eye**—combines both Fill and Red-Eye flash features. Ideal for outside pictures of people in heavy shade where it is too bright for Auto flash to work.
- **Off**—flash does not fire. Ideal for taking pictures where flash is prohibited, as in museums.

3 To return to the Auto setting, press the Flash button, or turn off the camera.

Adjusting the Camera Exposure

If your pictures seem too dark or too light, you can adjust the amount of light allowed into the camera so your pictures are properly exposed. These adjustments in lighting are called Exposure Compensation.





1. With the camera on, set the Slider switch to Capture.
2. Press the ▶ button.

   The Exposure Compensation screen appears.
3. Press a ▲/▼ button to change the exposure number.

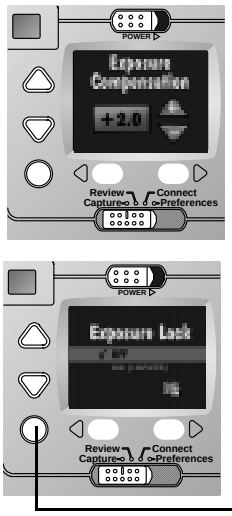
   - ❑ If your pictures are too dark, increase (+) the exposure number.
   - ❑ If your pictures are too light, decrease (-) the exposure number.

   You can adjust the exposure numbers from +2.0 to -2.0 in 0.5 increments. An increase of 1.0 doubles the amount of light allowed into the camera. A decrease of 1.0 reduces the amount of light allowed into the camera by half.
4. Press the DO-IT button to accept the exposure change.

   The Exposure Compensation icon appears in the LCD if Preview (page 9) or Quickview (page 24) is activated.
5. To cancel Exposure Compensation, press a ▲/▼ button until 0.0 is highlighted, then press the DO-IT button, or turn off the camera.

Locking in an Exposure Setting

If you are taking a series of pictures that require a consistent look or a constant exposure setting, use the Exposure Lock feature. This feature is great for taking a series of pictures, like a mountain range, and creating a mural with the prints.



1. With the camera on, set the Slider switch to Capture.
2. Press the ▶ button two times.

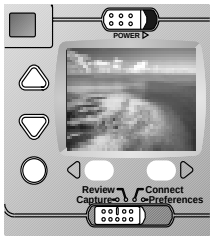
   The Exposure Compensation screen appears, followed by the Exposure Lock screen.
3. Press a ▲/▼ button until ON is highlighted.
4. Press the DO-IT button.

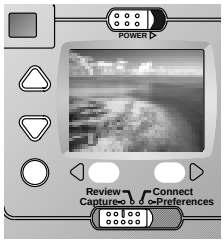
   The "Please take a picture to lock capture settings" screen appears.
5. Center the area you want to lock the exposure on in the viewfinder.
6. Press the Shutter button to lock in the exposure setting.

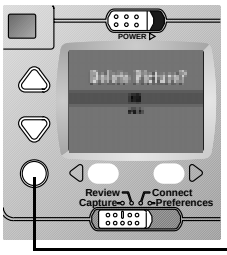
   The Exposure Lock icon appears in the LCD if Preview (page 9) or Quickview (page 24) are activated.
7. To cancel Exposure Lock, press a ▲/▼ button until OFF is highlighted, then press the DO-IT button, or turn off the camera.

Deleting the Picture Just Taken

If you decide that you do not like a picture, you can delete it from the camera memory card immediately after it is taken. For the Quick Delete feature to work, the picture must be displayed on the LCD, so Quickview needs to be activated. Once you delete the picture, it is permanently removed from the camera memory card.







1 With the camera on, set the Slider switch to Capture.

2 Turn on Quickview (page 24).

3 Frame your subject in the viewfinder and press the Shutter button.

The picture appears on the LCD with the *icon displayed above the ◀ button.*

4 Press the ◀ button.

The Delete Picture screen appears.

5 Press a ▲/▼ button until YES is highlighted.

6 Press the DO-IT button.

The picture is permanently deleted from the camera memory card.

3 Customizing Your Pictures

Chapters 1 and 2 explained the basics for taking great digital pictures. In this chapter, you will learn about some of the custom features available on your camera. With the digital technology that is built into your camera, you have the ability to set the camera for almost any picture taking situation you may encounter. With the camera, you can:

- Frame your pictures with interesting templates supplied on the camera memory card.
- Select specific picture quality and resolution settings to meet your demanding picture-taking needs.
- Access camera information to view a complete history of your cameras use.
- Adjust a language setting, so you can select the language with which you are most comfortable working.
- Format other camera memory cards so they work in your camera.

Understanding Quality and Resolution

Keep in mind that with your camera you are generally going to get beautiful digital pictures. But based on two factors, resolution and quality, some pictures will be of a higher quality than others.

Instead of film, the camera places your pictures on a camera memory card. These pictures are made up of pixels. The more pixels you have (or the better the resolution) the more space you use on the camera memory card.

To save space, you can compress each picture with the Quality setting. When a picture is compressed, some color and detail information is discarded. More compression means a lower quality picture. Less compression means a better quality picture.

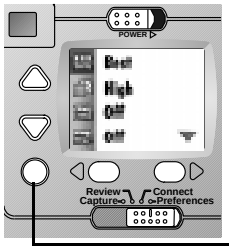
Together, quality and resolution dictate how many pictures you can fit on your camera memory card.

- If the quality of your pictures is most important, use the Best Quality setting, which results in little compression, and the High Resolution setting. You may want to do this if you are printing your pictures on a high-quality printer.
- If space on your camera memory card is most important, use the Good or Better quality setting, which results in more compression, and the Standard Resolution setting. You may want to do this if you are using your pictures in a Web page or are sending them through e-mail.

Remember that resolution and quality are two different things. Resolution is the number of pixels in the picture. Quality is how much you compress them.

Adjusting the Picture Quality

If you intend to make large prints, you can capture more detail in the picture using the Best setting, but less room is available on the camera memory card. For everyday pictures, use the Better setting, which gives you more pictures and more storage space. If you need to take a large number of pictures, or you are going to e-mail or use the pictures online, use the Good setting.



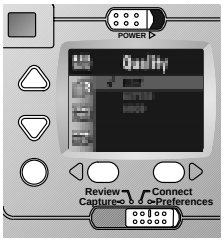
1 With the camera on, set the Slider switch to Preferences.

The Preferences screen appears.

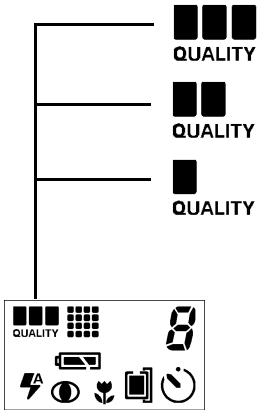
2 Press a ▲/▼ button until the Quality icon is highlighted.

3 Press the DO-IT button.

The Quality screen appears. The current setting is checked (✓).



4 Press a ▲/▼ button until the Quality option you want is highlighted.



- ❑ **Best—**use for printing 5x7 pictures.
- ❑ **Better—**use for printing up to 4x6 pictures.
- ❑ **Good—**use for e-mailing pictures, or using pictures online.

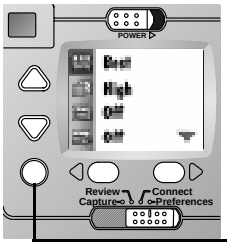
5 Press the DO-IT button.

The Preferences screen reappears as the Quality icon for the setting you selected appears in the Status Display.

You can switch freely among these three settings when taking pictures.

Adjusting the Picture Resolution

If you want to send pictures through e-mail or use them online, use the Standard resolution setting. With this setting, only the information needed for viewing on a computer or printing small prints is captured. For pictures that are going to be printed, use the High resolution setting. With this setting, more information is captured, but fewer pictures fit on the camera memory card.



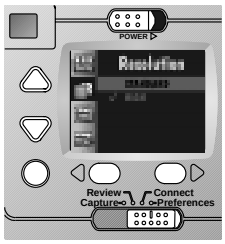
1 With the camera on, set the Slider switch to Preferences.

The Preferences screen appears.

2 Press a ▲/▼ button until the icon is highlighted.

3 Press the DO-IT button.

The Resolution screen appears. The current setting is checked (✓).



4 Press a ▲/▼ button until the Resolution option you want is highlighted.

- **High—**picture size is 1152 x 864 pixels. Use this setting when you are going to print your pictures

- **Standard—**picture size is 640 x 480 pixels. Use this setting for printing small prints, for e-mail, or for use online.

5 Press the DO-IT button.

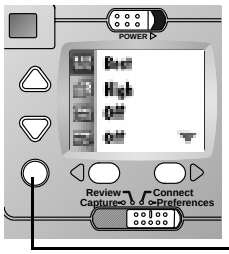
The Preferences screen reappears as the Resolution icon appears in the Status Display.

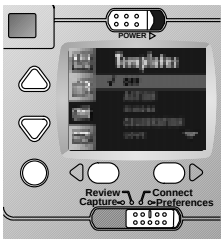
You can switch freely between these two settings when taking pictures.

Adding a Template to Your Picture

You can enhance and personalize your pictures by adding a custom template supplied on your camera memory card. Once the picture is taken with the Template feature, the template cannot be removed.

You also have the ability to create and add your own templates to a camera memory card. For more information, see “Creating Your Own Templates” on page 68 or the ReadMe file.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the icon is highlighted.

3. Press the DO-IT button.

   The Templates screen appears. The current setting is checked (✓).

4. Press a ▲/▼ button until the Template option you want is highlighted.

5. Press the DO-IT button.

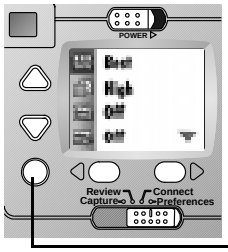
   The Preferences screen reappears.

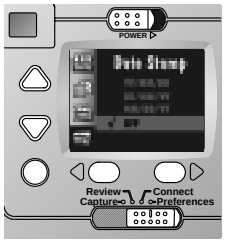
   The next time you take a picture, the template icon appears on the LCD if Quickview (page 24) is turned on, or if in Review (page 30).

6. To cancel Template, press a ▲/▼ button until No Template is highlighted, then press the DO-IT button.

Adding the Date to Your Pictures

Your camera can the record the date and time directly on your picture using the Date Stamp feature. In order for the feature to imprint the correct date and time, you need to set the camera clock. See page 5 for details. Once a picture is taken with the date stamp, the date stamp cannot be removed.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the icon is highlighted.

3. Press the DO-IT button.

   The Date Stamp screen appears. The current setting is checked (✓).

4. Press a ▲/▼ button until the Date Stamp option you want is highlighted.

5. Press the DO-IT button.

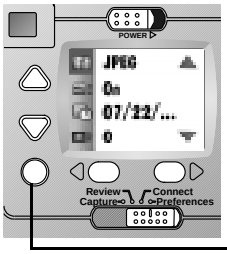
   The Preferences screen reappears.

   The next time you take a picture the date is imprinted in the lower right-hand corner of the picture. The Date Stamp icon appears on the LCD if Quickview (page 24) or Preview (page 9) is turned on.

6. To turn off Date Stamp, press a ▲/▼ button until OFF is highlighted, then press the DO-IT button.

Selecting an Image File Type

The digital pictures you take with your camera are stored in an image file format that you select from the camera. The JPEG file format can be used with most software you use with your computer. The FlashPix file format is not as compatible as JPEG, but it is quicker and easier to use if you plan on editing your pictures.



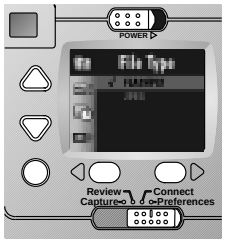
1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the is highlighted.

3. Press the DO-IT button.

   The File Format screen appears. The current setting is checked (✓).



4. Press a ▲/▼ button until the option you want is highlighted.
   - ❑ **FLASHPIX**—ideal for displaying and printing. Need compatible software application.
   - ❑ **JPEG**—ideal for compatibility with different software applications. This is the main setting.

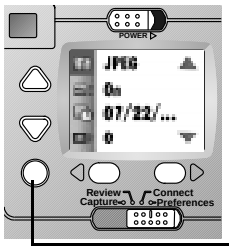
5. Press the DO-IT button.

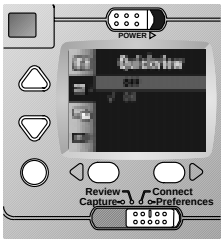
   The Preferences screen reappears.

   You can switch freely between these two settings.

Setting a Quickview for Each Picture

You can set your camera so the pictures automatically appear in the LCD each time you take a picture. With Quickview activated, you have the choice to keep pictures you want, or delete the ones you do not want in order to save space on the camera memory card.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the is highlighted.

3. Press the DO-IT button.

   The Quickview screen appears. The current setting is checked (✓).

4. Press a ▲/▼ button until ON is highlighted.

5. Press the DO-IT button.

   The Preferences screen reappears.

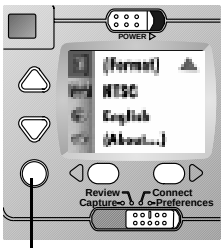
   The next time you take a picture, it will appear on the LCD with the icons of activated features.

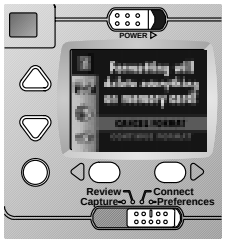
6. To turn off Quickview, press a ▲/▼ button on the Quickview screen until OFF is highlighted, then press the DO-IT button.

Formatting Your Camera Memory Card

If you own camera memory cards that have been used in other digital cameras, the cards may not be properly formatted for use in your DC215 camera, or the data on the cards may have become corrupted. When these issues arise, your camera indicates that the camera memory card needs to be formatted.

When you format a camera memory card, all of the information on the card is erased. This includes any templates supplied on the card.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the icon is highlighted.

3. Press the DO-IT button.

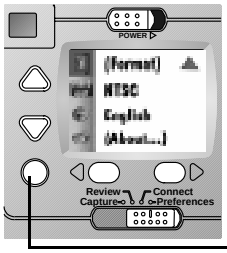
   The Format Memory Card screen appears.

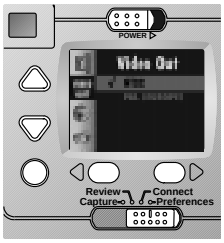
4. Press a ▲/▼ button until CONTINUE FORMAT is highlighted.

5. Press the DO-IT button to format the camera memory card and return to the Preferences screen.

Adjusting the Video Out Signal

You can set your camera to be compatible with NTSC or PAL video signals. The Video Out feature needs to be set correctly if you plan on running a slide show of the pictures from the camera on a television or video monitor. For information on setting up a slide show, see page 35.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the VIDEO OUT icon is highlighted.

3. Press the DO-IT button.

   The Video Out screen appears. The current setting is checked (✓).

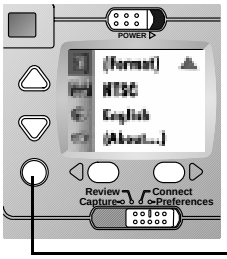
4. Press a ▲/▼ button until the video out option you want is highlighted.

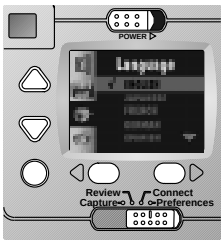
   - **NTSC**—used in most countries except Europe. The United States uses NTSC.
   - **PAL**—used in European countries.

5. Press the DO-IT button to accept the change and return to the Preferences screen.

Selecting a Language for the Camera

You can select from many different language interfaces for your camera. Once you select a language, the text changes on the camera to reflect that language.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the icon is highlighted.

3. Press the DO-IT button.

   The Language screen appears. The current setting is checked (✓).

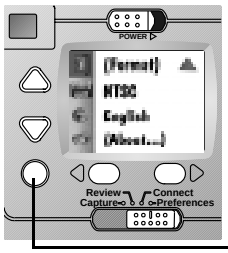
4. Press a ▲/▼ button until the language you want is highlighted.

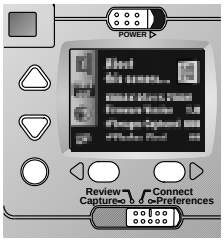
   The Preferences screen reappears.

5. Press the DO-IT button to accept the changes and return to the Preferences screen.

Viewing Camera Information

You can look up the amount of use the camera is getting, as well as verify the firmware version in the camera.





1. With the camera on, set the Slider switch to Preferences.

   The Preferences screen appears.

2. Press a ▲/▼ button until the icon is highlighted.

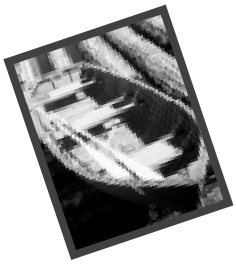
3. Press the DO-IT button.

   The About this camera screen appears.

   The information that appears is view-only and cannot be changed.

   - **Firmware Version**—displays the latest firmware version loaded into the camera.
   - **# Images Captured**—displays the total number of pictures taken with the camera.
   - **# Flash Fired**—displays the total number of times the flash fired in the camera.

4. Press the DO-IT button to return to the Preferences screen.



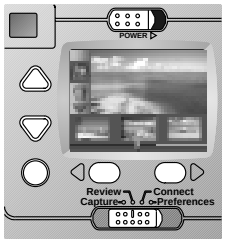
4 Reviewing Your Pictures

Now that you have taken pictures with your camera, it is time to take a look at them by setting the camera to Camera Review. With the DC215 camera, you can:

- View your pictures.
- Magnify the picture to check the detail.
- Select specific pictures and quantities to be printed.
- Delete unwanted pictures to free up space on the camera memory card.
- Display and run a slide show from the camera to your television.

Viewing Your Pictures

There are two ways to review the pictures in your camera. Use the Overlay feature, which displays a filmstrip of up to three thumbnail-size pictures at a time, or turn off Overlay and view each picture individually in full LCD size.



1 With the camera on, set the Slider switch to Review.

The Review screen appears with the Overlay feature activated.

2 Use the ◀/▶ buttons to scroll through the filmstrip.

The picture on the filmstrip appears in the LCD with the frame number. The memory bar and picture locator needle moves as you advance through the pictures.

The memory bar indicates the amount of space on the camera memory card. The dark section represents the portion of the card that is filled, while the needle locator shows the position of picture on the card.

3 To fast scroll, press and hold a ◀/▶ button.

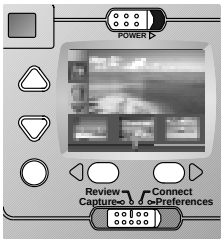
4 To view Full LCD size, press the DO-IT button.

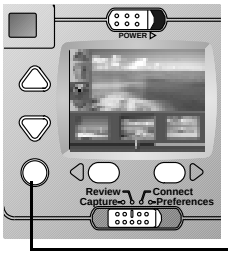
5 Use the ◀/▶ buttons to scroll through the pictures.

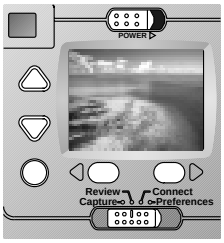
6 To exit Full LCD view, press the DO-IT button.

Magnifying Your Pictures

If you want to zoom in on a specific part of a picture displayed on the LCD, use the Magnify feature. This feature lets you view a section of the current picture at two times the normal LCD size.







1 With the camera on, set the Slider switch to Review.

The Review screen appears.

2 Press a ◀/▶ button until the picture you want to magnify is highlighted on the filmstrip.

The picture appears in the LCD viewing area.

3 Press a ▲/▼ button until the icon is highlighted.

4 Press the DO-IT button.

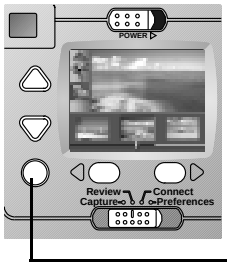
The LCD displays a magnified view of the picture in the LCD.

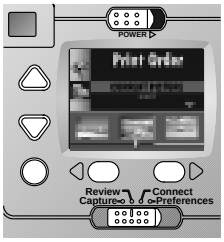
5 Use the ▲/▼ and ◀/▶ buttons to scroll to different parts of the picture.

6 To exit Magnify, press the DO-IT button.

Selecting Pictures for Printing

With the Print Order feature, you can scroll through and select certain pictures on the camera memory card for printing to a KODAK Picture Maker System. Certain printers that accept camera memory cards can also use the Print Order feature.





1. With the camera on, set the Slider switch to Review.

   The Review screen appears.

2. Press a ▲/▼ button until the icon is highlighted.

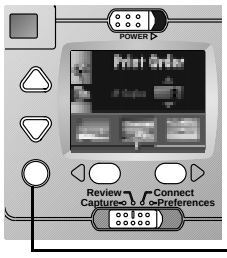
3. Press the DO-IT button.

   The Print Order screen appears.

4. Press a ◀/▶ button until the picture you want is highlighted on the filmstrip.

5. Press a ▲/▼ button until the Print Order option you want is highlighted.

   - **CURRENT PICTURE or EDIT PICTURE**—marks the picture currently selected on the filmstrip.
   - **EXIT**—returns you to the Review screen.
   - **ALL PICTURES or EDIT ALL**—marks all of the pictures on the camera memory card.
   - **INDEX PRINT or EDIT INDEX PRINT**—prints thumbnails of all the pictures on the camera memory card.



6 Press the DO-IT button.

The Copies screen appears unless you selected the Index Print option, which returns you to the Review screen.

7 Press a ▲/▼ button until the desired number of prints you want appears.

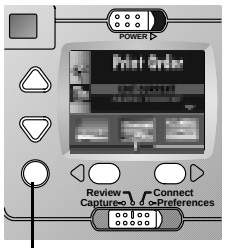
8 Press the DO-IT button.

The print order is accepted and the Print Order icon appears in the LCD of each picture marked for printing. The main Print Order screen reappears.

9 To exit Print Order, highlight EXIT, then press the DO-IT button.

Cancelling Pictures for Printing

You can go back and cancel individual pictures or the entire print order.



1 Press a ▲/▼ button until the Print Order option you want is highlighted.

- ❑ **CANCEL CURRENT—**cancels the print order for the selected picture.
- ❑ **EXIT**—returns you to the Review screen.
- ❑ **CANCEL PRINT ORDER—**cancels all the print orders for the pictures.
- ❑ **CANCEL INDEX PRINT—**cancels the print order for the index print.

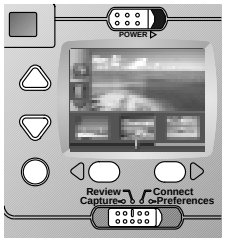
2 Press the DO-IT button.

The print order is cancelled and the Print Order icon is removed. The main Print Order screen reappears.

3 To exit Print Order, highlight EXIT, then press the DO-IT button.

Deleting One or All of Your Pictures

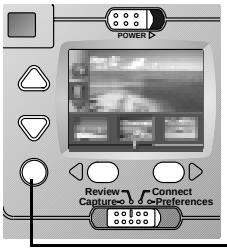
If you decide that you do not want the pictures on the camera memory card, or you just want to free up space, use the Delete feature to remove one or all of the pictures on the card.



1 With the camera on, set the Slider switch to Review.

The Review screen appears.

2 Press a ◀/▶ button until the picture you want to delete is selected.



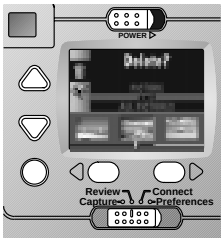
3 Press a ▲/▼ button until the icon is highlighted.

4 Press the DO-IT button.

The Delete screen appears.

5 Press a ▲/▼ button until the Delete option you want is highlighted.

- **PICTURE**—deletes the selected picture from the camera memory card.
- **EXIT**—returns you to the Review screen without deleting the picture(s).
- **ALL PICTURES**—deletes all of the pictures on the camera memory card.



6 Press the DO-IT button.

The picture(s) are deleted from the camera memory card.

7 To exit Delete, highlight EXIT, then press the DO-IT button.

Running a Slide Show on Your Television

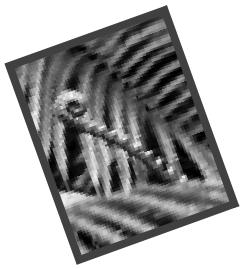
You can show your pictures to a large audience by connecting your camera to a television and running a slide show of the pictures stored on the camera memory card. To conserve batteries, use a Kodak-specified AC adapter.

1. Turn off your television and camera.
2. Insert the video cable into the video-out port on the side of your camera, and connect the other end of the video cable to the video-in port on the television.
3. Set the Slider switch to Review.
4. Turn on the camera and television.
5. Set the television to the correct channel setting.

   The pictures appear on the television.

   You may need to adjust the camera Video Out setting to NTSC or PAL television signals. See page 26 for details.
6. To scroll through the pictures on the television, press the ◀/▶ buttons.
7. Press the DO-IT button to start the slide show.

   The pictures changes every five seconds for a period of five minutes, unless you are using an AC adapter, in which case it runs indefinitely.
8. To stop Slide Show, press the DO-IT button.



5 Installing Your Software

The KODAK DC215 Installer Software (Installer) included with your camera contains software for Windows-based personal computers and Macintosh computers. These applications provide a variety of features that let you access and use the pictures stored on the camera memory card. Information on using the software can be found in the online help supplied with each software application.

Windows-Based System Requirements

- Windows 95, Windows 98, or Windows NT 4.0 operating system.
- Personal computer with Pentium 90-MHz microprocessor (minimum) with CD-ROM drive.
- Color display monitor with 256 color (thousands of colors recommended).
- 16 MB or more of available RAM for Windows 95 and Windows 98.
- 32 MB or more of available RAM for Windows NT 4.0 or greater.
- 60 MB of hard disk space available.
- Available serial port, (USB port on Windows 98 for a CF card reader available in some camera outfits) or CF card reader.

Macintosh System Requirements

- PowerPC-equipped Macintosh-compatible computer, with CD-ROM drive.
- System 7.6.1 or later.
- Color display monitor with 265 color (thousands of colors recommended).
- 16 MB or more of available RAM.
- 60 MB of hard disk space available.
- Available serial port, (USB port for a CF card reader available in some camera outfits) or CF card reader.

Kodak Software for Windows-Based Computers

There are three Kodak software applications supplied with the DC215 camera for use on a Windows-based computer. They are:

- **KODAK DC215 Camera Mounter Software (Mounter)**—provides an easy way to view pictures from the camera memory card and copy them to your computer.
- **KODAK DC215 Digital Access Software (TWAIN Acquire)**—provides a quick way to view and copy pictures from the camera memory card to a TWAIN-compliant host software program, such as ADOBE Photoshop or ADOBE PhotoDeluxe.
- **KODAK DC215 Camera Controls Software (Camera Controls)**—lets you change camera, capture, and communications settings from the computer.

Software Overview

A brief overview of the software is listed below. Information on the software is available in the online help for each application.

Feature	Mounter	TWAIN Acquire	Camera Controls
View thumbnail images	✔	✔	
Transfer pictures	✔	✔	
Display picture information	✔	✔	
Open pictures on hard drive		✔	
Access Camera Controls	✔	✔	✔
Take a picture			✔
Delete pictures	✔		✔
Format camera memory card	✔		✔

Kodak Software for Macintosh Computers

There are two Kodak software applications supplied with the DC215 camera for use on a Macintosh System. They are:

- **KODAK DC215 Picture Transfer Application (Picture Transfer)**—provides an easy way to view pictures from the camera memory card and copy them to your computer.
- **KODAK DC215 Digital Access Software (Plug-In Acquire)**—provides a quick way to view and copy pictures from the camera memory card to a Plug-In Acquire host application, such as ADOBE Photoshop or ADOBE PhotoDeluxe.

Software Overview

A brief overview of the software is listed below. Information on the software is available in the online help for each application.

Feature	Picture Transfer	Plug-In Acquire
View thumbnail images	✔	✔
Transfer pictures	✔	✔
Display picture information	✔	✔
Change camera settings		✔
Take a picture		✔
Change camera Capture settings		✔
Delete pictures	✔	✔

Installing the Software

While the Installer is automatically loading your software, take a few minutes to fill out and send in the camera product registration card. This allows you to receive information regarding software updates and registers some of the products included with the camera.

1 Close all other software programs before starting the Installer.

On Windows 95/Windows 98—press Crtl+Alt+Delete to bring up the Close Program window. End Task all items listed except for Explorer and Systray. This includes any antivirus applications.

On Windows NT—press Crtl+Alt+Delete to bring up the Windows NT Security dialog box. Click on Task Manager. End Task all items running in the Applications tab. Click on the Processes tab and End Process all items running except for Explorer and Systray. This includes any antivirus applications.

If you are not sure which applications to shut down, consult the computer or software manufacturer for details.

On a Macintosh computer—click on the Finder icon in the upper right corner of the screen. Exit out of all applications except for Finder, then go to the Extension Manager and shut down all extensions except for MAC/CDROM. You will need to turn on those extensions and restart your computer when the software installation is complete.

2 Place the Installer CD into the CD-ROM drive.

3 Load the software.

On a Windows-based computer—if Auto Play is enabled, the first install window automatically appears. If the first install window does not automatically appear, choose Run from the Start menu. In the Run dialog box, type the drive letter that contains the CD and type *\setup.exe*. For example: **d:\setup.exe**

On a Macintosh computer—double-click the Installer icon.

4 Follow the on-screen instructions to install the software.

5 If prompted, restart the computer when the software installation is complete.

Information on all the Kodak software is included in the ReadMe file or the online help for each application.

6 Connecting Your Camera

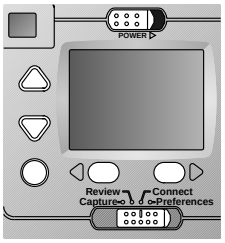
In order for you to transfer pictures taken with your camera, you first need to connect the camera to your computer. The camera can communicate with your computer using:

- RS-232 serial cable connection for Windows-based computers.
- Serial cable or adapter plug for Macintosh computers.
- CF card reader (available in some camera outfits). CF card readers provide a fast and easy alternative to serial cable connections. If you do not have a CF card reader, you can purchase one as an accessory. For details about available accessories, ask a dealer of Kodak products, or from our Website at http://www.kodak.com/go/accessories.

Once the camera is connected to a computer and the software is installed, you are ready to transfer pictures from the camera to your computer.

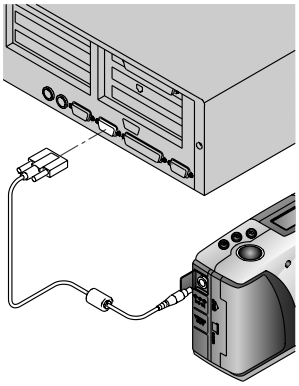
Connecting to a Windows-Based Computer

An RS-232 serial cable is provided so you can connect your camera to a Windows-based computer. When connecting the camera, it is a good idea to use a Kodak-specified AC adapter. For details about available accessories, ask a dealer of Kodak products, or from our Website at http://www.kodak.com/go/accessories.



1 Set the Slider switch to Connect.

2 Plug the appropriate end of the serial cable into an available 9-pin serial port on the computer.



Serial ports are usually labeled COM1 and COM2, or A and B. If your computer has a 25-pin port, you need to use a 9-pin adapter (available at your local computer store) and attach it to the port before attaching the serial cable to the computer.

If the ports are not labeled, see your computer User's Guide for a diagram that illustrates all of the external ports.

3 Open the serial port door on the side of the camera.

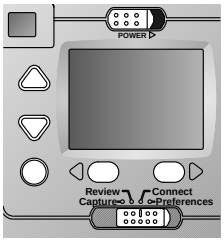
4 Plug the other end of the serial cable into the camera serial port.

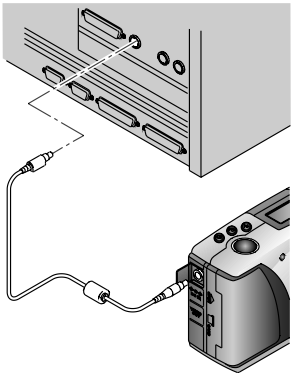
5 Turn on the camera.

If you get a message on your computer stating that you are not connected, refer to the Serial.PDF document installed with the software, or the online help for troubleshooting information.

Connecting to a Macintosh Computer

Either a serial cable for a Macintosh computer or adapter plug for use with the RS-232 serial cable is provided so you can connect your camera through a serial port on a Macintosh computer. When connecting the camera, it is a good idea to use a Kodak-specified AC adapter. For details about available accessories, ask a dealer of Kodak products, or from our Website at http://www.kodak.com/go/accessories.





1. Set the Slider switch to Connect.
2. Connect the serial port adapter plug into the 9-pin end of the serial cable.
3. Plug the adapter end of the serial cable into an available serial port on the back of the computer.

   If your camera came with a serial cable for a Macintosh computer instead of the serial adapter plug, connect the appropriate end of the serial cable into an available serial port on the back of the computer.

   Serial ports on Macintosh computers are usually referred to as modem or printer ports.

   If the ports are not labeled, see your computer User's Guide for a diagram that illustrates all of the external ports.
4. Open the serial port door on the side of the camera.
5. Plug the other end of the serial cable into the camera serial port.
6. Turn on the camera.

   If you get a message on your computer stating that you are not connected, refer to the Connect.PDF document installed with the software, or the online help for troubleshooting information.

Starting the Kodak Software for Windows-Based Computers

With the camera connected to your computer, you are now ready to open and use the software that you installed in Chapter 5. Information on using the software can be found in the online help supplied with each software application.

Opening Mounter Software

This application provides an easy way to view and copy pictures from the camera memory card to your computer.

1. Double-click on the My Computer icon.

   The My Computer window appears.

2. Double-click on the Camera icon.

   The Camera Memory Card window appears listing individual files.

Opening Digital Access TWAIN Acquire Software

This application provides a quick way to view and copy pictures from the camera memory card to a TWAIN-compliant host software program, such as ADOBE Photoshop or ADOBE PhotoDeluxe.

1. Open a TWAIN-compliant application, such as ADOBE Photoshop or ADOBE PhotoDeluxe.
2. Choose File –> TWAIN Source.
3. Select the KODAK DC215 Digital Access Software (TWAIN Acquire).
4. Choose File –> TWAIN Acquire.

   The main Digital Access window appears.

Opening Camera Controls Software

This application provides the ability to control camera, capture, and communications settings from the computer.

Double-click on the Camera Control icon on the desktop.

The main Camera Controls window appears.

Starting the Kodak Software for Macintosh Computers

With the camera connected to your computer, you are now ready to open and use the software that you installed in Chapter 5. Information on using the software can be found in the online help supplied with each software application.

Opening Picture Transfer Application

This application provides an easy way to view and copy pictures from the camera memory card to your computer.

1. In the KODAK DC215 folder, double-click on the Picture Transfer Application folder.

   The Picture Transfer icon appears.

2. Double-click on the Picture Transfer icon.

   The main Picture Transfer window appears.

Opening Digital Access Plug-In Acquire

This application provides a quick way to view and copy pictures from the camera memory card to a Plug-In Acquire host application, such as ADOBE Photoshop or ADOBE PhotoDeluxe.

1. Open a Plug-In-compliant application, such as ADOBE Photoshop or ADOBE PhotoDeluxe.

2. Choose File –> Acquire –> KODAK DC215 Acquire.

   The main Digital Access window appears.

Copying Digital Access Files to the PlugIn Folder

When you use Digital Access software with an application for the first time, you must place an alias to the Digital Access PlugIn in the PlugIn folder of the compatible software application.

1. Double-click the KODAK DC215 folder on your hard drive.

2. Double-click the DC215 PlugIn folder.

3. Click the DC215 PlugIn to select it.

4. Choose File->Make Alias to create an alias in the DC215 PlugIn folder.

5. Open the PlugIn folder for the compatible software application and drag the DC215 PlugIn alias to the PlugIn folder.

Navigating to Your Pictures

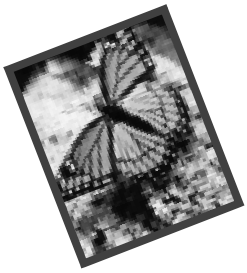
Pictures are stored on the camera memory card according to a standard agreed upon by many camera manufacturers. This standard allows you to use the camera memory card in different cameras.

Each Kodak application supplied on the Installer CD guides you to your pictures on the camera memory card; however, if you use a card reader to retrieve your pictures or you cannot locate your pictures using the software provided, the following description of the camera file structure may be helpful.

- Root level folder is named \DCIM. Each time you turn on the camera or insert a camera memory card, any empty folders within the \DCIM folder are removed.
- Typically, all pictures taken with the DC215 camera are stored in the \DCIM\100DC215 folder.
- Pictures are numbered in the order in which they are taken. The first picture in the \DCIM\100DC215 folder is DCP_0001.JPG for JPEG, or DCP_0001.FPX for FlashPix.
- When you transfer pictures to the computer or delete pictures from the camera memory card, the camera uses consecutive numbers for subsequent pictures. For example, if the last picture taken was DCP_0007.JPG (or FPX), the next picture is DCP_0008.JPG (or FPX).
- When you insert the camera memory card into another DC215 camera, the next picture is derived by incrementing either the highest existing picture number, or the highest picture number previously taken by that camera.

Once you take picture DCP_9999.JPG in the \DCIM\100DC215 folder, subsequent pictures will appear in a new folder (\DCIM\101DC215) on the camera memory card, beginning with picture DCP_0001.JPG (or FPX).

If you use the camera memory card in a camera other than the DC215 camera, and that camera manufacturer adheres to this file structure standard, the \DCIM folder will contain a folder named by that camera. Any pictures taken with that camera are stored in the folder using the naming conventions established by the manufacturer. For more information, refer to the documentation that accompanied that camera.



7 Tips and Troubleshooting

There may be times when questions arise from using your camera. This chapter can point you in the right direction for finding the answers quickly, so you can continue using your camera.

Connecting with Your Camera

If you are getting messages on your computer that state you are not connected, refer to the PDF documents installed with the software, or the online help for troubleshooting information. If you are connecting to a:

- Windows-based Serial connection—refer to Serial.PDF
- Macintosh computer—refer to Connect.PDF

Communicating with the Computer

If the camera cannot communicate with your computer you may need to adjust the serial port and speed settings. If you are using a Windows-based computer, the serial port and speed setting can be adjusted using the KODAK DC215 Camera Controls Software, or the KODAK DC215 Digital Access Software (TWAIN Acquire). If you are using a Macintosh computer, the serial port and speed setting can be adjusted using the KODAK DC215 Digital Access Software (Plug-In Acquire), or the KODAK DC215 Picture Transfer Application. Information on using these applications can be found in the online help for each software application.

Adjusting Your Monitor for Better Viewing

Your monitor display settings may need to be adjusted to view pictures from the camera. Refer to your computer User's Guide for information on how to adjust your monitor display settings.

Getting Better Results from Your Printer

You may notice that the colors on your computer screen do not always match those in your documents or prints. This is because monitors and printers use different color systems.

You may be able to achieve more predictable results in your printed documents by:

- Improving the quality of your paper. Copier paper may not offer the same results as coated paper or paper made especially for inkjet printers.
- Adjusting your printer software settings.
- Using fresh ink cartridges. Do not use ink cartridges beyond their life expectancy.

Remember these few tips when it comes time to print your document:

- Color printing takes more time. More complex pictures increase the printing and drying time.
- Color printing is more memory intensive than black and white. If your computer gives you an insufficient memory message, you may need to close some applications, change some settings, or add additional memory.
- Color prints may not photocopy as clearly as black and white. If you plan to photocopy documents, you should consider printing the document in grayscale. This setting is usually changed from the Print dialog box.
- Resizing the picture to a smaller size or printing the picture on glossy paper may increase the quality of the print.

  To improve the quality of your prints, you may want to print your pictures on KODAK Inkjet Snapshot Paper (Snapshot Paper). Snapshot Paper is made to work with most inkjet printers to give you clearer, crisper, and more detailed images on your prints.

Troubleshooting

If you are experiencing difficulties with your camera, check the following table for possible solutions.

Additional technical information is available in the ReadMe file located in the KODAK DC215 folder.

Computer Monitor		
Problem	**Cause**	**Solution**
The image on your monitor is jagged or inappropriately colored.	Monitor is not set correctly.	Adjust your monitor display settings. See page 47.
Memory Card		
Problem	**Cause**	**Solution**
The camera does not recognize your camera memory card.	The camera memory card may not be CompactFlash certified.	Purchase a certified CompactFlash camera memory card. See page 4.
	The camera memory card may be corrupt or formatted for use in other digital cameras.	Reformat the camera memory card. See page 25.
	Camera memory card is not inserted in camera.	Insert a camera memory card. See page 4.

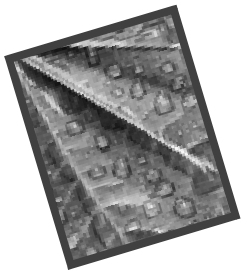
Camera Communications		
Problem	**Cause**	**Solution**
Computer cannot communicate with the camera.	Camera power is off.	Turn on the camera. See page 2.
	The Slider switch is not set to Connect.	Set the Slider switch to Connect.
	Some Advanced Power Management utilities on laptops can turn off ports to save battery life.	See the Power Management section of your laptop User's Guide to disable this feature.
	Conflict with another serial device, such as a modem or PDA	Refer to the serial communication or corresponding section of your computer modem, PDA, and/or operating system User's Guide.
	Camera is not connected to serial cable, or cable is not connected to the computer serial port.	Connect serial cable to camera and computer port. See page 41.
	Port settings in software may be set to the incorrect COM port.	Change the COM port settings to Auto-Search or to a specific COM port. See the online help.

Camera		
Problem	**Cause**	**Solution**
Ready light does not turn on and the camera does not work.	Batteries are low or dead.	Batteries need to be replaced. See page 2.
	Camera is not turned on.	Turn on the camera. See page 2.
Red ready light comes on and camera does not take a picture.	Batteries are low.	Batteries need to be replaced. See page 2.
	Camera memory card is full	Transfer pictures to your computer, delete pictures on the card (see page 34), or insert a card with available memory. See page 4.
Amber ready light comes on.	Flash is not charged.	Wait for the flash to charge.
Green ready light is blinking and camera does not take a picture	Picture is being processed and saved to camera memory card.	Wait for the picture to complete processing.
SHUTTER button does not work.	Camera is not turned on.	Turn on the camera. See page 2.
	Slider switch is not set to Capture.	Set the Slider switch to Capture.
	Ready light is blinking. Camera is processing picture.	Wait until Ready light stops blinking before attempting to take another picture.
	The Status Display reads **Full**. The camera memory card is full.	Transfer pictures to your computer, delete pictures on the card (see page 34), or insert a card with available memory. See page 4.

Camera		
Problem	**Cause**	**Solution**
Part of the picture is missing.	Something was blocking the lens when the picture was taken.	Keep hands, fingers, or other objects away from the lens when taking pictures.
	Your eye or the picture was not centered correctly in the viewfinder.	Leave space around subject when centering picture in viewfinder.
	Camera Close-Up is activated without using Preview.	Activate Preview when using the Close-Up feature. See page 10.
Picture is too dark.	Flash is not on or did not function.	Turn on the flash. See page 13.
	The subject is too far away for the flash to have an effect.	Move so there is no more than 10 ft (3.0 m) between the camera and the subject.
	The subject is in front of a bright light.	Change your position so the light is not behind the subject.
	The Exposure Compensation is set incorrectly.	Increase the Exposure Compensation. See page 14.
Camera does not turn on.	Batteries are not properly installed.	Remove and reinstall the batteries. See page 2.

Camera		
Problem	**Cause**	**Solution**
Picture is too light.	The flash is not needed.	Change to Auto flash. See page 13.
	The subject is too close when the flash was used.	Move so there is at least 1.6 ft (0.5 m) between the camera and the subject.
	The light sensor is covered.	Hold the camera so your hands or other objects do not cover the light sensor.
	The Exposure Compensation is set incorrectly.	Decrease the Exposure Compensation. See page 14.
Stored pictures are damaged.	The camera memory card was removed when the Ready light was blinking.	Make sure the Ready light is not blinking before removing the card.
Pictures remaining number does not decrease after taking a picture.	Image Resolution and Quality settings do not take up sufficient space to decrease the picture remaining number.	The camera is operating normally. Continue taking pictures.
Picture is not clear.	The lens is dirty.	Clean the lens. See page 65.
	Subject too close when taking picture	Stand at least 1.6 ft (0.5 m) in wide angle, 3.3 ft (1 m) in telephoto.
	Subject or the camera moved while the picture was taken.	Hold camera steady until the picture is taken.
	The subject is too far away for the flash to be effective.	Move so the subject is less than 10 ft (3.0 m) away.

LCD Messages		
Message	**Cause**	**Solution**
Memory Card is Full.	Memory card is full and cannot hold additional pictures	Transfer pictures to a computer, delete pictures on the card (see page 34), or insert a card with available memory (see page 4).
No Memory Card Available.	There is no memory card inserted in the camera.	Insert a memory card into the camera. See page 4.
Memory Card is Corrupted / Unreadable.	Memory card is corrupted.	Insert a new (see page 4) or reformat the memory card (see page 25).
Camera needs service.	The camera is malfunctioning.	Have the camera serviced.



8 Where to Get Help

If you need help with your camera, it is available from a number of resources:

- ❑ Chapter 7 “Tips and Troubleshooting”
- ❑ Software’s manufacturer
- ❑ Product information by fax
- ❑ Place of purchase
- ❑ World Wide Web
- ❑ Technical support

Software Help

Help with any **software** packaged with your camera can be obtained from the online help, or by contacting the manufacturer.

Online Services

Contact Kodak via:

❑ World Wide Web	http://www.kodak.com (click on Service and Support)
❑ America Online	(keyword) KODAK
❑ CompuServe	GO KODAK

Faxed Information

Kodak offers automated support by fax:

❑ U.S. and Canada	1-800-295-5531
❑ Europe	44-0-131-458-6962
❑ U.K.	44-0-131-458-6962

Customer Support

If you have questions concerning the operation of Kodak software or the camera, you may speak directly to a customer support representative. Have the camera connected to your computer, its serial number ready, and be at your computer when you call. Also have ready a description of the problem with the exact error message along with information about the type of computer, amount of RAM, and the software being used.

- **U.S. and Canada**—call toll free, 1-888-375-6325, between the hours of 9:00 a.m. and 8:00 p.m. (Eastern Standard Time) Monday through Friday.
- **Europe**—call the Kodak Digital Imaging Support Centre toll free number associated with your location, or the U.K. toll line, 44-0-131-458-6714, between the hours of 09.00 and 17.00 (GMT / CET) Monday through Friday.
- **Outside the U.S., Canada, and Europe**—call the number on the following pages that is associated with your location.

Country	Help number	Fax
Argentina	54-1-808-300	54-1-808-3328
Australia	1-800-674-831	61-3-9353-2092
Austria	0179-567-357	44-0-131-458-6962
Belgium	02-713-14-45	44-0-131-458-6962
Brazil	0-800-15-0000	55-12-331-8571
Caribbean	78-7-757-5500	78-7-757-8760
Chile	56-2-697-2000	56-2-697-0310
China–Shanghai	8621-64720888	8621-64726582
China–Beijing	8610-63471155	8610-63475641
Colombia	57-1-629-0266	57-1-629-0673
Denmark	3-848-71-30	44-0-131-458-6962
Dominican Republic	809-563-1252	809-563-1264
Egypt	20-2-394-2205	20-2-393-1119
Eire	01-407-3054	44-0-131-458-6962
France	01-55-1740-77	44-0-131-458-6962
Finland	0800-117056	44-0-131-458-6962
Germany	069-5007-0035	44-0-131-458-6962
Greece	00800-44125605	44-0-131-458-6962

Country	Help number	Fax
Hong Kong	852-2564-9777	852-2564-9753
Hungary	36-1-269-71-17	36-1-269-71-13
India	91-22-617-5823	91-22-617-6004
Ireland	1-800-409391	44-0-131-458-6962
Italy	02-696-334-52	44-0-131-458-6962
Japan	81-3-5488-2390	81-3-5488-4512
Korea	82-2-708-5400	82-2-708-5500
Latin America	1-305-267-4700	1-305-267-4780
Lebanon	961-1-883822	961-1-881726
Malaysia	60-3-757-2722	60-3-755-5919
Mexico	52-5-449-4300	52-5-449-4400
Middle East	971-4-444-910	971-4-447-059
Netherlands	020-346-9372	44-0-131-458-6962
New Zealand	0800-500-135	64-9-302-8637
Norway	23-16-21-33	44-0-131-458-6962
Panama	52-3-678-6200	52-3-678-6210
Peru	51-1-224-8610	51-1-224-8605
Philippines	63-2-810-0331	63-2-816-6718
Portugal	351-1-4149-500	351-14194-321
Russia	7-095-929-9166	7-095-929-9170
Singapore	65-470-9875	65-479-8397
South Africa	27-11-804-2852	27-11-804-5013
Spain	91-749-76-53	44-0-131-458-6962
Sweden	08-587-704-21	44-0-131-458-6962
Switzerland	01-838-53-51	44-0-131-458-6962
Taiwan	886-2-893-8210	886-2-895-1069
Thailand	66-2-271-3040	66-2-279-5073
Turkey	90-216-342-3332	90-216-343-6743
U.K.	0870-2430270	44-0-131-458-6962
Uruguay	59-2-92-0473	59-2-92-1796
Venezuela	58-2-903-1111	58-2-943-2081

9 Warranty and Regulatory Information

Warranty Time Period

Kodak warrants the KODAK DC215 Zoom Digital Camera to be free from malfunctions and defects in both materials and workmanship for one year from the date of purchase.

Warranty Repair Coverage

This warranty will be honored within the geographical location that the product was purchased.

If the equipment does not function properly during the warranty period due to defects in either materials or workmanship, Kodak will, at its option, either repair or replace the equipment without charge, subject to the conditions and limitations stated herein. Such repair service will include all labor, as well as any necessary adjustments and/or replacement parts.

If replacement parts are used in making repairs, these parts may be remanufactured or may contain remanufactured materials. If it is necessary to replace the entire system, it may be replaced with a remanufactured system.

Kodak will also provide telephone assistance during the warranty period.

Limitations

WARRANTY SERVICE WILL NOT BE PROVIDED WITHOUT DATED PROOF OF PURCHASE. PLEASE RETURN THE WARRANTY REGISTRATION CARD WITHIN 30 DAYS OF PURCHASE.

THIS WARRANTY BECOMES NULL AND VOID IF YOU FAIL TO PACK YOUR DC215 CAMERA IN A MANNER CONSISTENT WITH THE ORIGINAL PRODUCT PACKAGING AND DAMAGE OCCURS DURING PRODUCT SHIPMENT.

THIS WARRANTY DOES NOT COVER: CIRCUMSTANCES BEYOND KODAK'S CONTROL; SERVICE OR PARTS TO CORRECT PROBLEMS RESULTING FROM THE USE OF ATTACHMENTS, ACCESSORIES OR ALTERATIONS NOT MARKETED BY KODAK; SERVICE REQUIRED AS THE RESULT OF UNAUTHORIZED MODIFICATIONS OR SERVICE; MISUSE, ABUSE; FAILURE TO FOLLOW KODAK'S OPERATING, MAINTENANCE OR REPACKAGING INSTRUCTIONS; OR FAILURE TO USE ITEMS SUPPLIED BY KODAK (SUCH AS ADAPTERS AND CABLES).

KODAK MAKES NO OTHER WARRANTIES, EXPRESS, IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE FOR THIS EQUIPMENT OR SOFTWARE.

REPAIR OR REPLACEMENT WITHOUT CHARGE ARE KODAK'S ONLY OBLIGATION UNDER THIS WARRANTY. KODAK WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE PURCHASE, USE, OR IMPROPER FUNCTIONING OF THIS EQUIPMENT REGARDLESS OF THE CAUSE. SUCH DAMAGES FOR WHICH KODAK WILL NOT BE RESPONSIBLE INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF REVENUE OR PROFIT, DOWNTIME COSTS, LOSS OF USE OF THE EQUIPMENT, COST OF ANY SUBSTITUTE EQUIPMENT, FACILITIES OR SERVICES, OR CLAIMS OF YOUR CUSTOMERS FOR SUCH DAMAGES.

DEPENDING ON YOUR GEOGRAPHICAL LOCATION, SOME LIMITATIONS AND EXCLUSIONS MAY NOT APPLY.

Application Support

For application specific support, contact your reseller, systems integrator, software manufacturer, or dealer.

How to Obtain Service

Visit us on the Internet at http://www.kodak.com.

Please refer to the Chapter 8 “Where to Get Help” on page 55 for the support number designated to your location.

When returning a camera for repair, pack the camera in the original packaging materials. A problem report should also be enclosed with the equipment. If the original packaging has been discarded or is not available, packaging will be at the owner's expense.

Unless a specific Kodak warranty is communicated to the purchaser in writing by a Kodak company, no other warranty or liability exists beyond the information contained above, even though defect, damage or loss may be caused by negligence or other act.

To obtain warranty repair service contact your local Kodak service representative. For assistance, refer to Chapter 8 “Where to Get Help” on page 55 for information.

Regulatory Information

FCC Compliance and Advisory

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

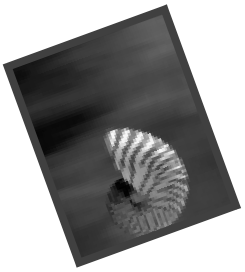
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for additional suggestions.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation.

Canadian DOC Statement

DOC Class B Compliance—This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the radio interference regulations of the Canadian Department of Communications.

Obervation des normes-Class B—Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la Classe B prescrites dans les règlements sur le brouillage redioélectrique édictés par le Ministère des Communications du Canada.



10 Appendix

This appendix serves as a resource for specific technical information and care for your camera, and contains the following information:

- Original default settings.
- Specifications.
- Care and maintenance.
- Battery usage guidelines.
- Creating Your Own Templates.

Original Camera Default Settings

Your camera is set to these values when you take the camera out of the box for the first time.

Feature	Setting
Flash	Auto
Close-Up	Off
Self-Timer	Off
Preview	Off
Quickview	On
Exposure Compensation	0.0
Quality	Best
Resolution	High
Date Stamp	Off
Exposure Lock	Off
File Type	JPEG
Templates	Off

Camera Specifications

Pixel Resolution	**CCD**	1160 x 864=1.00 millions of pixels (total number of pixels)
	High	1152 x 864=995,328
	Standard	640 x 480=307,200
Color		24-bit, millions of colors
Picture File Format		JPEG or FlashPix
Picture Storage		External memory only: ATA compatible CompactFlash card
Viewfinder		Real image
ASA/ISO Sensitivity		140
Flash Range	**Wide**	1.6 ft to 9.84 ft (0.5 to 3.0 m)
	TelePhoto	3.2 ft to 8.8 ft (1.0 to 2.7 m)
Lens	**Type**	Optical quality glass
	Maximum Aperture	**Wide**: F/4 **TelePhoto**: F/4.8
	Zoom	2X Optical zoom
	Focal Length	29 to 58 mm (equivalent to 35mm camera) 4.4 to 8.8 mm (actual)
	Focus Distance	**Wide**: 1.6 ft (0.5 m) to infinity **TelePhoto**: 3.28 ft (1.0 m) to infinity **Close-Up**: 8 in. (0.2 m)
Power	**Batteries**	AA size 1.5-volt alkaline, or AA size 1.2-volt Ni-MH rechargeable
	DC Input	Kodak-specified AC adapter
Tripod Socket		.25 in. (.006 m) threaded
Video Out		NTSC or PAL
Dimensions	**Width**	4.5 in. (115 mm)
	Length	1.7 in. (43.3 mm)
	Height	2.7 in. (67.5 mm)
Weight		10.6 oz. (303 g) without batteries
Operating Temperature		32 to 104° F (0 to 40° C)

General Maintenance and Safety

- To keep from damaging your camera, avoid exposing it to moisture and extreme temperatures.
- Clean the outside of the camera by wiping with a clean, dry cloth. Never use harsh or abrasive cleaners or organic solvents on the camera or any of its parts.
- Do not allow any chemicals, such as suntan lotion to come into contact with the painted surface of the camera.
- Never disassemble or touch the inside of the camera. This could result in electrical shock.
- When using a tripod with the camera, do not over tighten the screw to the camera. Damage to the camera may result.
- If you notice smoke or a strange smell coming from the camera, immediately turn off the camera, wait a few minutes until the camera cools, and then remove the batteries.
- Clean the lens and back LCD screen:

  Do not use cleaning solutions unless they are designed specifically for camera lenses. **Do not wipe the camera lens or LCD screen with chemically treated eyeglass lens tissue as it may scratch the lens.**

  1. Blow gently on the lens or LCD screen to remove dust and dirt.
  2. Moisten the lens or LCD screen by breathing lightly on it.
  3. Wipe the lens or LCD screen gently with a soft, lint-free cloth or an untreated lens-cleaning tissue.

Service agreements are available in some countries. Please contact a dealer of Kodak products for more information.

Using Your Batteries

- Kodak recommends KODAK PHOTOLIFE AA Alkaline Batteries, or KODAK AA Ni-MH Rechargeable Batteries for use in Kodak digital cameras.
- Remove the batteries when the camera is stored for extended periods of time.
- Always follow your battery manufacturer's directions fully. Do not attempt to disassemble, short circuit, or subject the battery to high temperature or fire.
- Your camera has been designed to operate correctly using a variety of AA-size batteries currently available. These include 1.5-volt alkaline and rechargeable 1.2-volt Nickel Metal Hydride (Ni-MH).
- Replace all batteries of a set at the same time. New batteries should not be mixed with used ones. Do not mix rechargeable and nonrechargeable batteries. Do not mix alkaline or Ni-MH types of batteries. Do not mix different grades or brands of batteries. Failure to observe this precaution may result in some batteries in a set being driven beyond their normal exhaust point and increase their possibility of leakage.
- NOT ALL BATTERIES ARE CREATED EQUAL! Battery life depends significantly on age, usage conditions, type, brand, and camera. Digital camera requirements are very demanding on batteries. Not all batteries perform well under these challenging conditions. In Kodak lab tests, Ni-MH rechargeable batteries delivered the outstanding results in a variety of conditions. Ni-MH batteries are designed for high-demand devices, such as digital cameras, and do not exhibit the "memory" effects seen with other rechargeable technologies.
- If you elect to use alkaline batteries in your camera, you will obtain better performance from "photo-flash grade" alkaline batteries, such as KODAK PHOTOLIFE alkaline batteries. These types of batteries last more than twice as long in digital cameras as ordinary alkaline batteries. Alkaline batteries are not rechargeable, do not attempt to recharge them in the battery charger.
- When using your camera on battery power, we recommend you limit continuous LCD Preview or Review to less than 10-minutes per session. If you are using the camera for longer periods, it is recommended that you do so with the camera powered by the AC adapter.

- When disposing of batteries, follow the manufacturer's instructions and all federal, state, and local regulations. Kodak suggests customers take advantage of any community battery recycling programs that may exist in your area. Contact your local waste remover or recycler for details.

Caution Hot Surface

- When removing batteries, allow to cool before touching, since the batteries may be hot.

Battery Charger Tips:

For charging Ni-Cd or Ni-MH batteries only, with a maximum of 4 cells, and a maximum charge of 1450mAH.

Do not charge nonrechargeable batteries.

Endast för att ladda Ni-Cd eller Ni-MH batterier, med maximalt 4 celler och en maximal laddning av 1450mAH.

Återladda inte batterier som inte är laddningsbara.

Create Your Own Templates

You can personalize the pictures taken with your Kodak digital camera using a graphic that you have created, or by using an existing graphic, and adding it to your camera memory card. All you need is a computer equipped with a CF card reader or a PCMCIA card slot. CF card readers are available as an accessory from a dealer of Kodak products or from our Website at http://www.kodak.com/go/accessories. Detailed information on the Template Feature is available in the ReadMe file supplied with your camera.

1. Create a template using your computer, or use an existing graphic, and save it as a BMP file format.

   Make sure the BMP file has a 640x480 pixel resolution with 256 colors or Index Color.

   The area where the picture appears in the template needs to be 100% black.

2. Insert a camera memory card into the a CF card reader or PCMCIA card slot on the computer.

3. Move the BMP file into the Template folder located in the root directory on the memory card. If a Template folder does not exist, you must create one.

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